



The new degree of comfort.™

SEREGEN® Series Fully Automatic Generators – Standby Solutions Products

8-10-12-16-20kW† AIR-COOLED GENERATORS

Rheem automatic standby generators provide permanent, backup protection from power outages for your home and family. Find the right generator for your home with flexible power solution options that allow you to select the level of backup power protection needed for your household.



35-45-60kW† LIQUID-COOLED GENERATORS

Ideal for extra large-sized and luxury homes, our commercial-grade 35, 45, and 60kW units allow you to meet the power needs of all of life's luxuries — little and big.



FEATURES

Fully Automatic – Advanced electronics will detect a utility power outage and automatically start the generator whether you are home or away.

Flexible Placement* – Tested against the tough NFPA 37 standard, Rheem 8-10-12-16-20kW† standby generators can be placed as close as 18" from the home providing more placement options in your yard — perfect for tight lot lines.

Reliable Engine Power – Powered by a premium Briggs & Stratton engine, our 8-12kW standby generators feature a newly designed engine for standby applications for improved reliability, performance and durability. Our 10-16-20kW standby generators are powered by commercial-grade Vanguard™ engines that are design-engineered to dependably take on the most demanding jobs.

Durable Enclosure – Rust-resistant, Galvanneal steel enclosures are made from the same materials used in the automotive industry.

Quick Response – Automatically powers your home in seconds after sensing a power outage.

3 or 4-Year Limited Parts Warranty*† – We stand behind our warranty and make it easy for our customers to work with us.

*Installation must strictly comply with all applicable codes, industry standards, laws and regulations. Running engines give off carbon monoxide, an odorless, colorless, poison gas so it is important to keep exhaust gas away from any windows, doors, ventilation intakes or crawl spaces. Carbon monoxide detectors must be installed and maintained in your home. ‡ Refer to owner's manual for warranty information.

FEATURES

Fully Automatic – Advanced electronics will detect a utility power outage and automatically start the generator whether you are home or away.

Whole-House Comfort – Rheem 35-45-60kW† standby generators will supply enough power to manage up to two 5-ton air conditioners in addition to essential household power requirements.

GM Vortec® Engine – Tested and approved on trucks and SUVs, world class 4 and 8 cylinder GM Vortec engines provide sophisticated yet extremely durable industrial grade power — perfect for the high power demands of most larger homes or small businesses.

Continuous Fuel Supply – A permanent connection to natural gas or liquid propane delivers uninterrupted performance with no messy gasoline storage and refueling.

Durable Enclosure – Rust-resistant, Galvanneal steel enclosures are made from the same materials used in the automotive industry.

4-Year Limited Parts Warranty*† – We stand behind our warranty and make it easy for our customers to work with us.

† These generators are rated in accordance with UL 2200 and CSA Standard C22.2 No. 100-04 ‡ Refer to owner's manual for warranty information.

SEREGEN SERIES HOME GENERATOR SYSTEMS



PART NUMBER	GEN8AD-V	GEN10AD-V	GEN12AD-V	GEN16AD-E*	GEN20AD-E*	GEN35WD†	GEN45WD†	GEN60WD†
Model Series	SEREGEN 50	SEREGEN 100	SEREGEN 100	SEREGEN 100	SEREGEN 300	SEREGEN 400	SEREGEN 400	SEREGEN 400
Nominal Output Capacity† (LP/NG)	8/6kW	10/9kW	12/11kW	16/14kW	20/18kW	35/32kW	45/45kW	60/55kW
Surge Output Capacity (LP/NG)	10/7.5kW	12.5/11.25kW	15/13.75kW	20/18kW	25/22.5kW	43.75/40kW	56.25/56.25kW	75/68.75kW
Briggs & Stratton Model Equivalent	040351	040375	040326	040337	040336	076032	076031	076160
Fuel Type	Propane (LP Vapor), Natural Gas (NG)	Propane (LP Vapor), Natural Gas (NG)	Propane (LP Vapor), Natural Gas (NG)	Propane (LP Vapor), Natural Gas (NG)	Propane (LP Vapor), Natural Gas (NG)	Propane (LP Vapor), Natural Gas (NG)	Propane (LP Vapor), Natural Gas (NG)	Propane (LP Vapor), Natural Gas (NG)
Voltage	120/240V AC, Single Phase, 1.0 pf	120/240V AC, Single Phase, 1.0 pf	120/240V AC, Single Phase, 1.0 pf	120/240V AC, Single Phase, 1.0 pf	120/240V AC, Single Phase, 1.0 pf	120/240V AC, Single Phase, 1.0 pf	120/240V AC, Single Phase, 1.0 pf	120/240V AC, Single Phase, 1.0 pf
Frequency	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz
Nominal Output Current (LP/NG)	33/25A	42/38A	50/46A	67/60A	83/75A	146/133A	188/188A	250/229A
Fuel Consumption† (at ½ Load)	1.04 gal/hr (LP Vapor) 94 ft³/hr (NG)	1.18 gal/hr (LP Vapor) 111 ft³/hr (NG)	1.42 gal/hr (LP Vapor) 119 ft³/hr (NG)	1.97 gal/hr (LP Vapor) 163 ft³/hr (NG)	2.31 gal/hr (LP Vapor) 282 ft³/hr (NG)	3.1 gal/hr (LP Vapor) 282 ft³/hr (NG)	4.5 gal/hr (LP Vapor) 429 ft³/hr (NG)	5.2 gal/hr (LP Vapor) 463 ft³/hr (NG)
Fuel Consumption† (at Full Load)	1.57 gal/hr (LP Vapor) 121 ft³/hr (NG)	1.82 gal/hr (LP Vapor) 169 ft³/hr (NG)	2.36 gal/hr (LP Vapor) 197 ft³/hr (NG)	3.14 gal/hr (LP Vapor) 244 ft³/hr (NG)	3.75 gal/hr (LP Vapor) 280 ft³/hr (NG)	4.9 gal/hr (LP Vapor) 458 ft³/hr (NG)	7.7 gal/hr (LP Vapor) 717 ft³/hr (NG)	9 gal/hr (LP Vapor) 788 ft³/hr (NG)
Alternator	Brushed, Computer Friendly	Brushed, Computer Friendly	Brushless, Computer Friendly	Brushed, Computer Friendly	Brushed, Computer Friendly	Brushless, Computer Friendly	Brushless, Computer Friendly	Brushless, Computer Friendly
Voltage Regulation	Fully Automatic	Fully Automatic	Capacitor	Fully Automatic	Fully Automatic	Fully Automatic	Fully Automatic	Fully Automatic
Engine	Briggs & Stratton Single-Cylinder	Briggs & Stratton Vanguard V-Twin	Briggs & Stratton Professional Series V-Twin	Briggs & Stratton Vanguard V-twin	Briggs & Stratton Vanguard V-Twin	GM Vortec 3.0 liter 4-Cylinder, 1800rpm	GM Vortec 5.0 liter 8-Cylinder, 1800rpm	GM Vortec 5.7 liter 8-Cylinder, 1800rpm
Engine Cooling	Air-Cooled	Air-Cooled	Air-Cooled	Air-Cooled	Air-Cooled	Water-Cooled	Water-Cooled	Water-Cooled
Full Pressure Lubrication	•	•	•	•	•	•	•	•
Overcrank Protection	•	•	•	•	•	•	•	•
Dimensions (L x W x H)	28" x 24.4" x 35.1"	28" x 24.4" x 35.1"	34.6" x 39.4" x 38.5"	48" x 34" x 31" (Base 50.5 X 32.9)	48" x 34" x 31" (Base 50.5 X 32.9)	84.4" x 39.5" x 42.5"	98.4" x 39.5" x 44.5"	98.4" x 39.5" x 44.5"
Weight (generator only)	252 lbs.	272 lbs.	535 lbs.	484 lbs.	500 lbs.	1469 lbs.	1890 lbs.	2200 lbs.
Transfer Switch Part Options	TS509C	TS100AD, TS100A16, TS150AD, TS200A, TS200AD	TS100AD, TS100A16, TS150AD, TS200A, TS200AD	TS100AD, TS100A16, TS150AD, TS200A, TS200AD	TS100AD, TS100A16, TS150AD, TS200A, TS200AD, TS400AD-SPLIT	TS200ADW, TS400, TS400AD-SPLIT	TS200ADW, TS400	TS200ADW, TS400
Transfer Switch Options	50A/10 Circuit	100A/16 Circuit, 100A, 150A, 200A	100A/16 Circuit, 100A, 150A, 200A	100A/16 Circuit, 100A, 150A, 200A	100A/16 Circuit, 100A, 150A, 200A, Dual 200A	200A, Dual 200A, 400A	200A, 400A	200A, 400A
Load Control Center Part Options	—	—	71035	71035	71035	71035 (Only with TS200ADW & TS400AD-SPLIT)	71035 (Only with TS200ADW)	71035 (Only with TS200ADW)
Maintenance Kit	6261	6035	6179	6036	6036	6167	6168	6168
Cold Weather Kit	6262	6030A	6030A	6231	6231	6241	6242	6242
Limited Warranty*	3 Year	3 Year	3 Year	4 Year	4 Year	4 Year	4 Year	4 Year
Turn-Key Extras Included	Battery Charger, Hour Meter, Installation Base	Battery Charger, Hour Meter, Installation Base	Battery Charger, Hour Meter, Installation Base	Battery Charger, Hour Meter, Installation Base	Battery Charger, Hour Meter, Installation Base	Battery Charger, Hour Meter	Battery Charger, Hour Meter	Battery Charger, Hour Meter

* GEN16AD-E and GEN20AD-E not available in California. California customers order Part# GEN15AD-C-E
† These generators are rated in accordance with UL 2200 and CSA Standard C22.2 No. 100-04
‡ Fuel consumption rates are estimated based on normal operating conditions. Generator operation may be greatly affected by elevation and the cycling operation of multiple electrical appliances – fuel flow rates may vary depending on these factors.

AVAILABLE ACCESSORIES

BASIC WIRELESS MONITOR PN 6264 OR 6229

Easy, trouble-free monitoring is a reality with the new Rheem Basic Wireless Monitor. Place the wireless monitor in your home and know your generator is working without ever having to go outside. Available for 8-10kW† (PN 6264) and 16-20kW† (PN 6229)



COLD WEATHER KITS

Help ensure smooth starting and reliable operation in the winter months. The thermostatically controlled battery warmer and oil heater(s) activate as the temperature drops.

REMOTE SYSTEM STATUS PANEL - PN 6144

Receive diagnostic alerts from inside the comfort of your home from this hardwired panel. Alerts include: Low Oil Shutdown, Engine Does Not Start, Low Frequency, Engine Overspeed, Low Voltage, Low Battery Voltage, Oil Temp High and Transfer Switch Fault. Available for all SEREGEN Series models.



MAINTENANCE KITS

Rheem maintenance kits help you complete scheduled maintenance and prevent costly repairs on your standby generator. Maintenance kits are designed specifically for your generator's needs. Each kit contains air and oil filters, synthetic oil, and spark plug(s) for your model.

PREMIUM GRADE POWER

At the heart of each SEREGEN® Series Home Generator System is a Briggs & Stratton, Briggs & Stratton Commercial Power Vanguard™ or GM Vortec™ Engine. These durable, premium engines feature superior balance and low vibration for extended life, minimal maintenance and easier starting.



Pricing and specifications are subject to change without notice.





SEREGEN® SERIES HOME GENERATOR SYSTEMS

The new degree of comfort.™

LOAD CONTROL CENTER/POWER MANAGEMENT SYSTEM UPGRADE

Most high wattage “creature comforts” normally require a large and expensive generator to meet with the demands of a larger home. Now you can manage the “high demand” appliances of even the most power hungry home with this affordable upgrade, exclusively from Rheem.

- Load Control Center increases the effective kW rating of the generator by temporarily shedding non-essential loads to free up power for devices with high starting power requirements, such as air conditioning units.
- As power becomes available after startup, non-essential circuits are automatically switched back on.
- Prevents generator overload due to unmanaged power demand.
- Includes a rainproof NEMA 3R outdoor enclosure.

PART NO	NUMBER OF POWER CIRCUIT CONTACTORS	POLES PER POWER CIRCUIT CONTACTOR	TOTAL NUMBER OF POWER CIRCUIT POLES	MAXIMUM NUMBER OF 120V POWER CIRCUITS	MAXIMUM NUMBER OF 240V POWER CIRCUITS	POWER CIRCUIT RATING VOLTAGE (V)	POWER CIRCUIT RATING GENERAL (A)	POWER CIRCUIT RATING MOTOR (HP)	DIMENSIONS LxWxH (IN)
71035	4	2	8	8	4	120/240	20/50	2	24x14x6

THE BENEFITS OF HIGH EFFICIENCY POWER MANAGEMENT

- ✓ **Power Management Technology** – Advanced computer controls manage the same essential and high watt appliances as a larger 35kW liquid cooled for up to half the cost.
- ✓ **Space-Saving Design** – Compact, efficient design allows for location flexibility and lower installation costs.
- ✓ **Exclusive Overload Protection** – Advanced controls prevent generator overload due to unmanaged power demand.
- ✓ **Smart Home Compatible** – Provides clean, safe power for other smart home appliances and sensitive electronics.

TRANSFER SWITCHES

HOW IT WORKS Automatically manages the transition between the electric utility service and generator as follows:

- Continually monitors the connection to local utility power.
- When utility power is disrupted, the transfer switch confirms a true power outage has occurred and signals the standby generator to start.
- Supplies backup power to the home in as little as 30 seconds.



CURRENT CAPACITY RATING OPTIONS Automatic transfer switches come in five sizes: 50A, 100A, 150A, 200A and 400A; if the Transfer Switch will also serve as the Service Disconnect, it will need to have a current capacity rating at least as great as the main breaker on the main panelboard. (Note: 200A main breakers are common in many new homes, while older homes often have 100A).

PART NO	GENERATOR COMPATIBILITY (kW)	SERVICE ENTRANCE DISCONNECT RATING	CURRENT CAPACITY (A)	PANELBOARD	ACCM	DIMENSIONS L X W X H (IN)	WEIGHT (LBS)	LIMITED WARRANTY
TS509C	8	No	50	10 Position	—	14-1/4 x 6 x 21	30	3
TS100A16	10-12-16-20	No	100	16 Position	Included	14 x 6 x 24	37	3
TS100AD	10-12-16-20	Yes	100	Not Included	Included	14 x 6 x 24	43	3
TS150AD	10-12-16-20	Yes	150	Not Included	Included	16 x 7 x 30	58	3
TS200A	10-12-16-20	No	200	Not Included	Included	16 x 7 x 22	48	3
TS200AD	10-12-16-20	Yes	200	Not Included	Included	16 x 7 x 30	59	3
TS200ADW	35-45-60	Yes	200	Not Included	Included	38 x 14 x 24	64	3
TS400	35-45-60	No	400	Not Included	—	46 x 24 x 15	190	2
TS400AD-SPLIT	20-35	Yes	400	Not Included	Included	37 x 7 x 24	111	3

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HOME GENERATOR SYSTEMS

STANDBY SOLUTIONS PRODUCTS



Some products shown are in next generation design

Rheem helps you give your customers the **value**, **performance** and **features** they want. From our tried and true tank-type water heaters to our space-saving tankless solutions that provide continuous hot water, Rheem has something to **satisfy the budgets** and lifestyles of every customer.

In addition to our large selection of **water heating solutions**, Rheem also has a full line of **heating and cooling** products, parts and accessories for warm winter nights, cool summer days and hot water all year long.



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In keeping with its policy of continuous progress and improvement, Rheem reserves the right to make changes without notice.

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